

1 What is claimed is:

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1. In a washing machine including a cabinet having a first opening through which a laundry is put in at a cabinet front side, a tub having a second opening at a tub front side, and a drum rotatably installed in the tub to have a third opening at a drum front side, a gasket comprising:

3 a leakage preventing part having one end connected to a rim of the first opening and
4 the other end connected to a rim of the second opening to prevent water leakage wherein a
5 portion between the one and the other ends of the leakage preventing part is bent to prevent
6 shocks by vibrations of the tub and drum from appearing on the cabinet; and

7 a laundry-stuck preventing part provided on an inner circumference of the leakage
8 preventing part to prevent the laundry from being stuck in a space between the first and third
9 openings.

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11 2. The gasket as claimed in claim 1, the leakage preventing part comprising:

12 a first connecting member having one end connected to the first opening to
13 horizontally extend toward the tub;

14 a second connecting member having one end connected to the other end of the first
15 connecting member to radially extend toward the cabinet front side; and

16 a third connecting member having one end connected to the other end of the second
17 connecting member and having the other end connected to the second opening.

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19 3. The gasket as claimed in claim 2, the laundry-stuck preventing part
20 comprising:

21 a ring type protrusion protruding from an inner circumference of the third connecting
22 member toward the third opening to prevent the laundry from being stuck between the drum
23 and the respective first to third openings; and

24 a laundry discharge part provided on an upper inner circumference of the ring type
25 protrusion to discharge the laundry stuck between the leakage preventing part and the ring
26 type protrusion when the drum is rotating.

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28 4. The gasket as claimed in claim 3, wherein the laundry discharge part
29 comprises a discharge protrusion extending downward from an upper end of the inner
30 circumference of the ring type protrusion.

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32 5. The gasket as claimed in claim 4, wherein, in front view, a lower end of the
33 discharge protrusion is tapered.

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35 6. The gasket as claimed in claim 3, wherein the laundry discharge part is
36 provided on an upper hemi-circle of the inner circumference of the ring type protrusion and
37 has a shape of which width increases gradually toward a top of the hemi-circle.

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7. A drum type washing machine comprising:
a cabinet having a first opening through which a laundry is put in at a cabinet front
side wherein a door is installed to open/close the first opening;
a tub installed in the cabinet to have a second opening at a tub front side
corresponding to the first opening;
a drum installed in the tub to have a third opening at a drum front side corresponding

to the second opening;

a rotation means having a rotational shaft penetrating a rear side of the tub to be connected to the drum; and

39 a gasket for preventing leakage of water in the tub, shocks by vibrations of the tub
40 and drum from appearing on the cabinet, and the laundry from being stuck in a space between
41 the first and third openings.

8. The drum type washing machine as claimed in claim 7, the gasket comprising:

42 a leakage preventing part having one end connected to a rim of the first opening and
43 the other end connected to a rim of the second opening to prevent water leakage wherein a
44 portion between the one and the other ends of the leakage preventing part is bent to prevent
45 shocks by vibrations of the tub and drum from appearing on the cabinet; and

46 a laundry-stuck preventing part provided on an inner circumference of the leakage
47 preventing part to prevent the laundry from being stuck in a space between the first and third
48 openings.

9. The drum type washing machine as claimed in claim 8, the leakage preventing part comprising:

49 a first connecting member having one end connected to the first opening to
50 horizontally extend toward the tub;

51 a second connecting member having one end connected to the other end of the first
52 connecting member to radially extend toward the front side of the cabinet; and

53 a third connecting member having one end connected to the other end of the second

54 connecting member and having the other end connected to the second opening.

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56 10. The drum type washing machine as claimed in claim 9 the laundry-stuck
57 preventing part comprising:

58 a ring type protrusion protruding from an inner circumference of the third connecting
59 member toward the third opening to prevent the laundry from being stuck between the drum
60 and the respective first to third openings; and

61 a laundry discharge part provided on an upper inner circumference of the ring type
62 protrusion to discharge the laundry stuck between the leakage preventing part and the ring
63 type protrusion when the drum is rotating.

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65 11. The drum type washing machine as claimed in claim 10, wherein the laundry
66 discharge part comprises a discharge protrusion extending downward from an upper end of
67 the inner circumference of the ring type protrusion.

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69 12. The drum type washing machine as claimed in claim 11, wherein, in front
70 view, a lower end of the discharge protrusion is tapered.

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13. The drum type washing machine as claimed in claim 10, wherein the laundry
discharge part is provided on an upper hemi-circle of the inner circumference of the ring type
protrusion and has a shape of which width increases gradually toward a top of the hemi-circle.